8

TCT

TGA

APR 0 9 2003

TE TRADEN



CAA Gln Asn CCC GTT Val ACA Asn AAT Lys Thr AAA ATT Ile TGG Trp AGT Ser TCT GAA CTT Leu GAA Glu GTG Val ATG Met ATC Ile TCA TGC Cys TCT TTT Phe AAG Lys CAT His Asn AAT GGA Gly CAT His TTG Leu ATC Ile Val ATT Ile GTA GTA Val GAG Glu CAG Gln TGC Cys Leu CTA Asp ATA Ile TCC GAT Thr ACA AGT Ser AAA Lys GCA Ala AGT Ser GGA Gly GCA Ala GCT Ala AAC Asn TTT Phe GAA Glu Asp ATG Met GAT Asp GAT Thr ACT GTA Val TGT Cys AAC Asn TTA Leu TTG Leu ATC Ile ACA Thr AAG GAG Glu Lys CAT His TGC Cys AAA Lys Tyr ATT TAT GAA Glu TTG Leu Asp GAT ATT Ile AAA Lys ACA Thr GTC Val CTA Leu TTT TCT ATT Ile CTC GAA Glu TCT CAT His GAG Glu CAA Gln TTG AGT Ser Asp GAA Glu GAA Glu AAT GAT ATG Met Asn GAT Asp GAT Asp ACA Thr GAG Glu TTC Phe AAA Lys GGG Gly GTA Val CTT TTG Leu GTT Val ATC Ile AAT Asn Asn AAT ATT Ile CAC His

ATT Ile

AAC Asn

ATA Ile

CAA Gln

GAA Glu

APR 0 9 2003 🕏 TRADEMARKS

AAC Asn CAA Gln TCT Ser Trp Der GTG Val ATG Met CAT Hìs AAT Asn GTA Val ATT Ile GAT Asp ATA Ile GCT Ala AGT GAT Asp ACT Thr TTA Leu TTG Leu AAA Lys TAT Tyr ACG Thr AAA Lys GAA Glu AT Il 0 +AGT Ser GAA Glu Asp GAT Asp GAT GTT Val CTT Leu His CAC

11T

FIGURE

CCC Pro GTT Val ATT Ile AGT Ser TCA TGC Cys CTT Leu Lys AAA Val GAG Glu GTA TCC ACA Thr GGA Gly GCA Ala GAT Asp ATG Met GCA Ala AAG Lys AGT Ser TGC Cys AT Il TTT Phe  $\Theta$ CAT Hìs CTC Leu GAT Asp TTG Leu ACA Thr GAG GTA Val TTA Leu GAA Glu CAA

ACA Thr AAT Asn CTG Leu GAA Glu TCT ATC Ile ATC Ile GGA Gly TGC Cys CTA Leu AAA Lys GCA Ala AAC Asn GAA Glu AAC Asn TGT Cys GAG Glu AGT Ser GAA Glu TTG Leu CTG Leu TCT GAG Glu TCT GAA Glu AAT Asn Lys GGG Gly AAA Asn AAT AAT Asn GTA Val AT. の 日

AAA Lys GAA Glu TTT TTG CAG AGT Ser TTT Val GTA CAT His ATT Ile GTC Val CAA Gln ATG Met TTC Phe ATC 11e Asn AAC

ACT TCT TGA

DMEM serum free CV-1/EBNA bioreactors

YM30 Spiral cartridge conc.

add ammonium sulfate HEPES pH 8.5

elute with 10mM HEPES pH 8.5 Phenyl Sepharose CL-4B 0.2M ammonium sulfate 20 mM HEPES pH 8.5

add NaCl to 1.6 mS/cm

0.14 to 0.3 M NaCl gradient DEAE Sephacel 10mM HEPES pH 8.5

dilute to 1.2 mS/cm

0.1 to 0.5 M NaCl gradient  $\frac{\text{Mono Q}}{10\text{mM HEPES pH 8.5}}$ 

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HPLC C4 reverse phase (Vydac .46 X25 cm, 5u) 0.1% TFA to 0.1% TFA/100% AcN, 1ml/min

0 to 45% AcN 1%/min 45-60% AcN 0.5%/min 60-100% AcN 2%/min

HPLC C4 reverse phase (Vydac .46X25cm, 5u) 0.1% TFA to 0.1% TFA/60% n-propanol 0.5ml/min 0.5%/min gradient

SDS PAGE 14%, reducing

PVDF

N-terminal protein sequence 



## FIGURE 4

	ATGAGAATTTCGAAACCACATTTGAGAAGTATTTCCATCCA
	GTGTTTACTTCTAAACAGTCATTTTCTAACTGAAGCTGGCATTCATGTCT
	TCATTTTGGGCTGTTTCAGTGCAGGGCTTCCTAAAACAGAAGCCAACTGG
	GTGAATGTAATAAGTGATTTGAAAAAATTGAAGATCTTATTCAATCTAT
	GCATATTGATGCTACTTTATATACGGAAAGTGATGTTCACCCCAGTTGCA
	AAGTAACAGCAATGAAGTGCTTTCTCTTGGAGTTACAAGTTATTTCACTT
	GAGTCCGGAGATGCAAGTATTCATGATACAGTAGAAAATCTGATCATCCT
	AGCAAACAACAGTTTGTCTTCTAATGGGAATGTAACAGAATCTGGATGCA
	AAGAATGTGAGGAACTGGAGGAAAAAAATATTAAAGAATTTTTTGCAGAGT
	TTTGTACATATTGTCCAAATGTTCATCAACACTTCTTGA
7. 3/kg	
	Marine Committee of the

Docket No.: 2811-



151

151

163

163

101

ESGDTDIHDTVENLI

101

ESGDAS I HDTVENL I I LANNSLS SNGNVTESGCKECEEL

EEKNIKEFLQS

150

100

100

EEKNIKEF

150

VNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISL MRIS KPHLRS S QSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISH LNSHFLTEAGIHVFILGCFSAGLPKTEANW

50

50



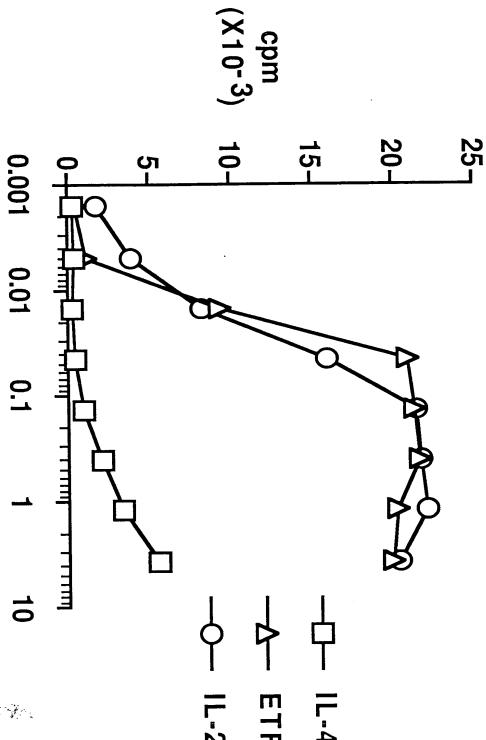
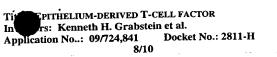


FIGURE 6





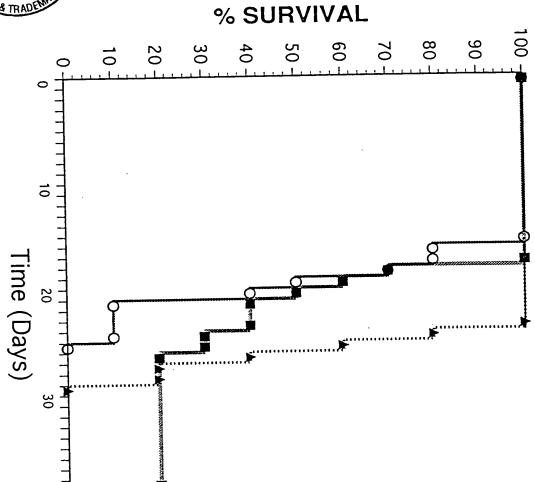


FIGURE 8

walker 4 µg ETF

-O- Control



